IN THE CLAIMS

1. (Canceled)

2. (Currently Amended) A Keyboard, Video, Mouse ("KVM") system ~~for~~ with improved video digitization and image correction, said KVM system comprising:

a plurality of workstations each containing at least a keyboard or cursor control device

wherein the plurality of workstations are coupled to a ~~communications medium; and a~~ remote management unit via a first ~~coupled to said~~ communications medium,

~~said remote management unit including an LCD controller for converting analog video signals received from at least one of~~ a plurality of remote networking devices coupled to the remote management unit via a second communications medium;

wherein the remote management unit includes a Liquid Crystal Display ("LCD") controller for converting analog video signals received from at least one of the remote networking devices to image correction processed digital video signals, and further ~~the remote management unit including~~ includes modules for processing and ~~transmitting~~ bidirectionally communicating over the first communications medium keyboard and cursor control signals to and from the plurality of workstations and for transmitting the image correction processed digital signals to the plurality of workstations, and

wherein all keyboard and cursor control device signals bidirectionally pass through the LCD controller unprocessed ~~is a controller originally designed for driving a liquid crystal display~~.

3-4. (Cancelled)

5. (Currently Amended) The system according to claim 2, wherein said first communications medium is at least one selected from the group consisting of a LAN, a WAN, a wireless connection, a modem, a direct modem connection, and the Internet.

6. (Currently Amended) The system according to claim 2, wherein the second communications medium comprises cabling between each of ~~said~~ the plurality of remote networking devices ~~is connected to said~~ and the remote management unit through cabling via a port selected from the group consisting of a serial port, parallel port, keyboard port, video port, cursor control device port, USB port, firewire port, blue tooth port, Ethernet port, and a power supply port.

7. (Previously Presented) The system according to claim 2, wherein said remote management unit controls access by requiring identification data to authenticate a user.

8. (Previously Presented) The system according to claim 2, wherein said remote management unit and said plurality of user workstations communicate via Clip.

9. (Previously Presented) The system according to claim 2, wherein said remote management unit and said plurality of user workstations communicate via the Internet.

10. (Previously Presented) The system according to claim 2, wherein said LCD controller includes an analog to digital converter.

11. (Previously Presented) The system according to claim 2, wherein said LCD controller includes an input interface circuit for detecting a color palette utilized by said remote network device.

12. (Previously Presented) The system according to claim 2, wherein said LCD controller includes a synchronization selector circuit for receiving horizontal and vertical synchronization signals.

13. (Previously Presented) The system according to claim 12, wherein said LCD controller includes a mode detection circuit for receiving said synchronization signals from said synchronization selector circuit and for determining a frequency of said synchronization signals.

14. (Previously Presented) The system according to claim 2, wherein said LCD controller includes an auto-adjustment circuit for performing at least one of active area detection, pixel brightness searching, pixel measurement and phase distortion measurement.

15. (Previously Presented) The system according to claim 14, wherein said autoadjustment circuit updates timing of a clock during said phase distortion measurement.

16. (Previously Presented) The system according to claim 2, wherein said LCD controller includes a downscaler circuit for reducing high video resolution to low video resolution.

17. (Previously Presented) The system according to claim 2, wherein said LCD controller includes an upscaler circuit for increasing low video resolution to high video resolution.

18. (Previously Presented) The system according to claim 2, wherein said LCD controller includes an option menu circuit for enabling a user to select one of a plurality of serial devices, remote servers, remote computers or power devices.

19. (Previously Presented) The system according to claim 2, wherein said LCD controller modifies each pixel of said digital video signals according to a color palette.

20. (Previously Presented) The system according to claim 2, wherein said LCD controller includes a dithering circuit for approximating a color for a pixel of said digital video signals.

21. (Previously Presented) The system according to claim 2, wherein said LCD controller includes an output interface circuit for adjusting timing of said analog video signals.

22. (Previously Presented) The system according to claim 2, wherein said remote management unit includes a video processor circuit for compressing said digital video signals.

23. (Previously Presented) The system according to claim 22, wherein said video processor circuit includes a pixel receiving circuit for receiving pixel information from said digital video signals.

24. (Previously Presented) The system according to claim 23, wherein said video processor circuit includes a frame buffer circuit for storing said pixel information.

25. (Previously Presented) The system according to claim 22, wherein said video processor circuit includes a video compression circuit.

26. (Previously Presented) The system according to claim 2, wherein said LCD controller converts said digital video signals for compatibility with a video display of one of said plurality of workstations.

27. (Currently Amended) A method for providing improved video digitization and image correction in a KVM system ~~for the transmission of video signals~~, said method comprising the steps of:

receiving analog video signals and control signals from one of a plurality of remote devices connected to a remote management unit;

processing the received analog video signals using an LCD controller to convert ~~said~~ the analog video signals to digital video signals

~~and correct~~ correcting the ~~said~~ digital video signals;

passing the control signals to and from one of the plurality of remote devices through ~~wherein~~ the LCD controller ~~is a controller originally designed for driving a liquid crystal display~~ unprocessed, and

transmitting ~~said~~ the digital video signals and the control signals to one of a plurality of user interface devices.

28. (Previously Presented) The method according to claim 27, wherein said user interface devices are accessible by inputting unique authentication information.

29. (Currently Amended) The method according to claim 27, ~~wherein said method~~ further ~~comprises~~ comprising the step of:

displaying said digital video signals on a video display of one of said user interface devices.

30. (Currently Amended) The method according to claim 27~~, wherein said method~~ further ~~comprises~~ comprising the step of: compressing said digital video signals prior to said transmitting.

31. (Previously Presented) The method according to claim 30, wherein a compression algorithm is used to perform said compressing.

32. (Previously Presented) The method according to claim 31, wherein said compression algorithm determines noise in said digital video signals, smoothes said digital video signals, determines changes to pixels of said digital video signals, and compresses said changed digital video signals.

33. (Previously Presented) The method according to claim 27, wherein said transmitting occurs via TCP/IP.

34. (Previously Presented) The method according to claim 27, wherein said correcting comprises image correction.

35. (Previously Presented) The method according to claim 34, wherein said image correction includes detecting a color palette of said digital video signals.

36. (Previously Presented) The method according to claim 27, wherein said correcting includes receiving horizontal and vertical synchronization signals.

37. (Previously Presented) The method according to claim 27, wherein said correcting includes determining one or more frequencies of said digital video signals.

38. (Previously Presented) The method according to claim 27, wherein said correcting includes detecting an active area of a video image represented by said digital video signals.

39. (Previously Presented) The method according to claim 27, wherein said correcting includes determining brightness of each pixel of said digital video signals.

40. (Previously Presented) The method according to claim 27, wherein said correcting includes measuring phase distortion of said digital video signals.

41. (Previously Presented) The method according to claim 27, wherein said correcting includes measuring one or more pixels of said digital video signals.

42. (Previously Presented) The method according to claim 27, wherein said correcting includes reducing high video resolution to low video resolution.

43. (Previously Presented) The method according to claim 27, wherein said correcting includes increasing low video resolution to high video resolution.

44. (Previously Presented) The method according to claim 27, wherein said correcting includes dithering said digital video signals.

45. (Previously Presented) The method according to claim 27, wherein said correcting includes adjusting timing of said digital video signals.

46. (Previously Presented) The method according to claim 27, wherein said method further comprises the step of: storing pixel information of digital video signals.

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